

CLAIMS

What is claimed is:

5 1. A tablet for oral administration of indium comprising, in combination: about 10-50 mg indium sulfate, about 4-20 mg caffeine, about 2-10% by weight cocoa powder, about 5-10% by weight ethyl cellulose, about 50-150 µg zinc oxide, about 50-150 µg copper (II) oxide, about 50-150 µg magnesium oxide, about 50-150 µg potassium
10 iodide, about 50-150 µg selenium amino acid chelate, about 50-150 µg chromium amino acid chelate and about 50-150 µg manganese amino acid chelate.

 2. The tablet according to Claim 1 comprising about 20-30 mg
15 indium sulfate.

 3. The tablet according to Claim 1 comprising about 100 µg zinc oxide, about 100 µg copper (II) oxide, about 100 µg magnesium oxide, about 100 µg potassium iodide, about 100 µg selenium amino acid
20 chelate, about 100 µg chromium amino acid chelate and about 100 µg manganese amino acid chelate.

 4. The tablet according to claim 1 comprising about 5% by weight cocoa powder.

5. A tablet for oral administration of indium consisting essentially of:

	24 mg (about 7.5% by weight)	indium sulfate,
	10 mg (about 3.0% by weight)	caffeine,
5	100 µg (about 0.03% by weight)	zinc oxide,
	100 µg (about 0.03% by weight)	copper II oxide,
	100 µg (about 0.03% by weight)	selenium amino acid chelate,
	100 µg (about 0.03% by weight)	chromium amino acid chelate,
	100 µg (about 0.03% by weight)	manganese amino acid chelate,
10	100 µg (about 0.03% by weight)	magnesium oxide,
	100 µg (about 0.03% by weight)	potassium iodide,
	223 mg (about 69% by weight)	dicalcium phosphate,
	26 mg (about 8% by weight)	ethyl cellulose,
	16 mg (about 5% by weight)	stearic acid,
15	6.4 mg (about 2% by weight)	silicon dioxide,
	1.6 mg (about 0.5% by weight)	magnesium stearate, and
	16 mg (about 5% by weight)	cocoa powder.

6. A tablet for oral administration of indium comprising, in combination: at least one indium salt and at least one excipient.

7. The tablet according to Claim 6 further comprising at least one flavoring.

8. The tablet according to Claim 6 further comprising at least one transport agent.

9. The tablet according to Claim 6 further comprising at least one trace element component.

10. The tablet according to Claim 6 wherein said at least one indium salt is selected from the group consisting of indium carboxylate, indium carbonate, indium halides, indium nitrate, indium phosphate, indium phosphite, indium sulphate and indium
5 chelates.

11. The tablet according to Claim 10 wherein said indium halides include indium chloride, indium bromide, indium fluoride and indium iodide, and said indium carboxylate includes indium acetate,
10 indium gluconate and indium palmitate.

12. The tablet according to Claim 6 wherein said excipient includes ethyl cellulose, dicalcium phosphate, magnesium stearate, stearic acid and silicon dioxide.

13. The tablet according to Claim 7 wherein said flavoring is cocoa.

14. The tablet according to Claim 8 wherein said transport agent
20 is at least one methylxanthine.

15. The tablet according to Claim 9 wherein said at least one trace element component is selected from the group consisting of zinc oxide, copper (II) oxide, magnesium oxide, potassium iodide, selenium
25 amino acid chelate, chromium amino acid chelate and manganese amino acid chelate.

16. A method for producing a tablet for oral administration of indium comprising the steps of:

providing indium sulfate, caffeine and a portion of cocoa powder in a granulator;

5 providing ethyl cellulose and isopropyl alcohol in a mixer;

adding said ethyl cellulose and said isopropyl alcohol to said granulator;

granulating a mixture of said indium sulfate, said caffeine, said portion of caffeine, said ethyl cellulose and said isopropyl
10 alcohol;

removing substantially all of said isopropyl alcohol by drying said mixture in an oven resulting in a cake;

grinding said cake through a mill to provide a granulate;

adding dicalcium phosphate and zinc oxide to said granulate; and
15 screening said granulate.

17. The method according to Claim 16 further comprising the steps of:

providing a portion of cocoa powder;

20 mixing said portion of cocoa powder with cellulose;

screening said portion of cocoa powder and said cellulose with magnesium stearate through a screen;

adding said portion of cocoa powder and said cellulose and said magnesium stearate to a blender;

25 adding copper oxide, selenium amino acid chelate, chromium amino acid chelate, manganese amino acid chelate, magnesium oxide, potassium iodide, microcrystalline cellulose, cellulose gum, silica and said granulate to said blender forming a pre-tablet mixture;

blending said pre-tablet mixture; and

30 forming said pre-tablet mixture into tablets for storage in an airtight container.

18. The method according to Claim 16 wherein said portion of cocoa powder is less than about 16 mg of cocoa powder per about 24 mg of indium sulfate.

5 19. A method for orally administering a tablet including indium comprising the step of:
 providing at least one indium salt and at least one excipient;
 and
 ingesting said tablet by a person.

10 20. The method according to Claim 19 further comprising the steps of:
 providing at least one flavoring for masking the taste of said at least one indium salt;
15 providing at least one transport agent for enhancing the digestion of said at least one indium salt; and
 providing at least one trace element component for enhancing the utilization of said at least one trace element component in said person.